

## TRANSMITTAL LETTER TO THE UNITED STATES

DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A FILING UNDER 35 U.S.C. 371

01-103

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/937103

INTERNATIONAL APPLICATION NO.

PCT/FR00/00730

INTERNATIONAL FILING DATE

23 March 2000

PRIORITY DATE CLAIMED

23 March 1999

TITLE OF INVENTION

USE OF TREHALOSE FOR STABILIZING A LIQUID VACCINE

APPLICANT(S) FOR DO/EO/US

1) Sandrine Lentsch Grak 2) Jean-Marc Cartier

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

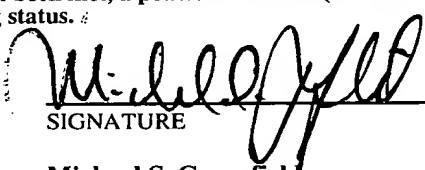
## Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☐ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Patent Application Data Sheet

Return Postcard

Clean and Redlined Version of Amended Claims

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) <b>09/937103</b>		INTERNATIONAL APPLICATION NO. <b>PCT/FR00/00730</b>	ATTORNEY'S DOCKET NUMBER <b>01-1081</b>																
<b>24. The following fees are submitted:</b> <b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1000.00</b> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>			<b>CALCULATIONS PTO USE ONLY</b>																
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30			<b>\$860.00</b>																
<table border="1" style="width:100%"><tr><td><b>CLAIMS</b></td><td><b>NUMBER FILED</b></td><td><b>NUMBER EXTRA</b></td><td><b>RATE</b></td></tr><tr><td>Total claims</td><td>10 - 20 =</td><td>0</td><td>x \$18.00</td></tr><tr><td>Independent claims</td><td>2 - 3 =</td><td>0</td><td>x \$80.00</td></tr><tr><td colspan="3">Multiple Dependent Claims (check if applicable). <input type="checkbox"/></td><td></td></tr></table>			<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	Total claims	10 - 20 =	0	x \$18.00	Independent claims	2 - 3 =	0	x \$80.00	Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				<b>\$0.00</b>
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Multiple Dependent Claims (check if applicable). <input type="checkbox"/>																			
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$860.00</b>																
<input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.27). The fees indicated above are reduced by 1/2.			<b>\$0.00</b>																
<b>SUBTOTAL =</b>			<b>\$860.00</b>																
Processing fee of <b>\$130.00</b> for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30			<b>\$0.00</b>																
<b>TOTAL NATIONAL FEE =</b>			<b>\$860.00</b>																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>			<b>\$40.00</b>																
<b>TOTAL FEES ENCLOSED =</b>			<b>\$900.00</b>																
			<b>Amount to be:</b>																
			<b>refunded</b> \$																
			<b>charged</b> \$																
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$900.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>13-2490</b> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																			
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. #</b>																			
<b>SEND ALL CORRESPONDENCE TO:</b>																			
<div style="border: 1px solid black; padding: 5px;"><b>Michael S. Greenfield</b> <b>MCDONNELL BOEHNEN HULBERT &amp; BERGHOFF</b> <b>300 South Wacker Drive</b> <b>Suite 3200</b> <b>Chicago, Illinois 60606</b></div>																			
<div style="text-align: right;"> _____ <b>SIGNATURE</b>  <b>Michael S. Greenfield</b> _____ <b>NAME</b>  <b>34,172</b> _____ <b>REGISTRATION NUMBER</b>  <b>18 September 2001</b> _____ <b>DATE</b></div>																			